### SSC/CCS Quarterly Conference Call on 7.12.17 Meeting Minutes

#### Attendance:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Role</th>
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<tbody>
<tr>
<td>Bennett, Todd</td>
<td>Missouri Department of Transportation</td>
<td>Chair</td>
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<tr>
<td>Morse, Kelly L</td>
<td>Illinois Department of Transportation</td>
<td>Vice Chair</td>
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<tr>
<td>Gudiel, Joaquin F</td>
<td>Louisiana Department of Transportation and Development</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Sirianni, Jonathan</td>
<td>AASHTO</td>
<td>Liaison</td>
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<tr>
<td>Jenkins, Andre L</td>
<td>Alabama Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Ingram, Steven</td>
<td>Alabama Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Vinik, Paul E</td>
<td>Florida Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Sommers, Scott M</td>
<td>Iowa Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Mitchell, Brandi R</td>
<td>Kentucky Transportation Cabinet</td>
<td>Member</td>
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<tr>
<td>Grubb, Michael A</td>
<td>Louisiana Department of Transportation and Development</td>
<td>Member</td>
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<tr>
<td>Davis, Jason</td>
<td>Louisiana Department of Transportation and Development</td>
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<td>Gallistel, Allen</td>
<td>Minnesota Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Collins, Edward M</td>
<td>New York State Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Luger, Matt</td>
<td>North Dakota Department of Transportation</td>
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<td>Wutzke, Scott W</td>
<td>North Dakota Department of Transportation</td>
<td>Member</td>
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<td>Boothe, Joel</td>
<td>Oregon Department of Transportation</td>
<td>Member</td>
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<td>Kuniega, David H.</td>
<td>Pennsylvania Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Danny Lane</td>
<td>Tennessee Department of Transportation</td>
<td>Member</td>
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<td>Joseph Kerstetter</td>
<td>Tennessee Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Fleming, C. Wa</td>
<td>Virginia Department of Transportation</td>
<td>Member</td>
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<tr>
<td>Simmons, Deborah</td>
<td>Carboline Company</td>
<td>Other</td>
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<tr>
<td>Olson, Ahren</td>
<td>Covestro LLC</td>
<td>Other</td>
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<tr>
<td>Palle, Sudhir</td>
<td>Kentucky Transportation Center</td>
<td>Other</td>
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<tr>
<td>Corbett, William D</td>
<td>KTA-Tator, Inc.</td>
<td>Test Facility</td>
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<td>Robert Leggat</td>
<td>KTA-Tator, Inc.</td>
<td>Test Facility</td>
</tr>
<tr>
<td>Cindy O’Malley</td>
<td>KTA-Tator, Inc.</td>
<td>Test Facility</td>
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<tr>
<td>Castle, Derrick</td>
<td>Sherwin-Williams</td>
<td>Other</td>
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<td>Grivna, Michael</td>
<td>TK Products</td>
<td>Other</td>
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<td>EJ Datta</td>
<td>International Paint</td>
<td>Other</td>
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Proposed work plan revisions for SSC

a. Salt Fog / Cyclic testing intervals
   • A review of panels only at 4000 and 5000 hours
     o Dave Kuniega is going to write up something for NEPCOAT to present them with our proposal
       ▪ Hoping that they are supportive of this move
     o Derrick suggested having pictures taken at each 1000hr interval
       ▪ Make it a group photo to show all panels in one photo
         ▪ KTA’s concern is how small that photo would end up being
           ▪ People won’t be able to see what they need to see
         ▪ DataMine could be adjusted to provide only a single input for a photo if this is the direction we went
     o Many states are not using this interim data, so why have KTA perform work that isn’t utilized?
     o We will need to put this change into the Work Plan, but right now we are just discussing it.
     o Once Todd gets a response from NEPCOAT, he will send info around to TC members to discuss changes to Work Plan and we will need to ballot it

b. Shelf life of submitted material
   • Proposing that manufacturers submit a sample whose shelf life will carry through the duration of the testing.
     o There are products with extremely short shelf life
       ▪ Most products would not have an issue
     o If testing needs to be rerun, we need material that is from the same lot or NEPCOAT will not use the data
       ▪ We end up needing to rerun the entire scope of testing
     o There are items that take time on the manufacturers end to prepare for a submission
       ▪ Pulling product from production runs
       ▪ Internal testing
   • Manufacturer would maintain enough material to supply for retesting
     o KTA does not currently have storage capacity for that much extra product

2) Update on Task forces
   a. SSPC BCI review
• Sections have been distributed to the TF members
• Comments will be back by August
  b. Color
• Discussed the use of primary safety colors (red, blue, yellow, green)
• Derrick spoke with one other manufacturer
  o The safety colors are organic pigment, very expensive
  o Only made in a handful of product lines, and in small volume
    ▪ May not be available for the types of products looked at by SSC
  o What do states want to glean from this information?
    ▪ Grey is going to hold up better than the other colors
    ▪ It will be difficult to compare directly between manufacturers
  o Maybe have AASHTO test all of the colors with each chemistry a single time rather than submit multiple colors with each submission to NTPEP
    ▪ Helps to reduce the cost (time and money) to manufacturers
    ▪ Can we see a proposal for this one-time testing?
  c. CCS
  d. FTIR methods
• Email sent out to TF members that is in some other work plans
• Going to have a call set up for this TF after this meeting

3) CCS program discussion (Kelly)
  a. Mix design
  b. Submittal cycle
• Kelly went through the Work Plan and compared to AASHTO specs
  o T161 has some thickness requirements that are different from the Work Plan
    ▪ 3 in vs ¾ in.
      • Derrick indicated that the panels were a more manageable and convenient size for the test facility
      • The thinner panels need to use a mortar mix
        o Previous test facility had problems with friability at the conclusion of freeze/thaw testing
          ▪ This was alleviated a bit by putting the panels on their sides and rotating them, though some friability was still noted.
        • Need to be able to fit the panel into the QUV
          ▪ This may be some of the issue KTA is having
  • KTA asked if any labs would be able to help with petrography and freeze/thaw
    o Todd is going to check with MODOT to see if they can accommodate
    o KTA needs to put together a proposal to nail down exactly what they need
      ▪ KTA will provide a proposal and we will send it around to the state members
• **Jon will send the proposal to all TC members to see if they can offer any help.**

• Use an off the shelf product instead of mix designs?
  - The mix design is holding the program back
  - We aren’t trying to replicate every mix design being used throughout the country, so it doesn’t matter as much as long as it holds up to the testing
  - These products can have a large amount of variability

4) **Manufacturer comments**
• None

5) **Lab comments**
• None

6) **AASHTO comments**

7) **Review action items – Jon**
   a. **AI: KTA will send Todd a list of which people will be involved with which Task Forces**
      i. **Task forces already meeting, AI Closed**
   b. **AI: KTA will propose wording for Work Plan for testing procedures that we can give to entire committee for review**
      i. **Provided wording for rinsing panels, sent to TC for review**
       1. Need to look at entire work plan to spell out testing procedures that are not clearly noted
       2. **Rinsing may be moot point**
   c. **AI: Kelly will send email questions to see what surveyor intent was for new product ideas.**
   d. **AI: Kelly will provide KTA with ILDOT specification for cutting cores for chloride testing**
   e. **AI: KTA will put together mix design summary for task force**
      i. **Determined that multiple mix designs will be needed**